

Climate Adaptation Capacity Building Work
March 4 – 5, 2013
DRAFT AGENDA

GOALS AND BENEFITS

This two-day workshop is designed to provide an in-depth, application-based approach to learning how to consider climate change information in both tactical and strategic conservation decisions. The workshop will use pre-determined examples and case-studies to demonstrate how readily available climate information can be accessed, interpreted in support of adaptation planning. The target audience is biologists and staff from Project Planning, Habitat Restoration, Endangered Species, Environmental Contaminants, and Fisheries.

Plenary sessions will introduce basic issues, tools, and approaches for integrating climate change considerations into decision-making. Case studies will be used to demonstrate the use of readily available climate and biological information and tools to inform AFWFO management applications. The emphasis will be on helping participants go through the thought processes that they are faced with when addressing climate-mediated impacts to trust resources.

Goals:

- Increase knowledge and use of available tools to visualize available climate data and integrate it with biological data in a way that help understand climate sensitivity of species and habitats;
- Provide concrete examples of successful application of climate information into decision-making;
- Provide a framework that allows participants to conduct similar analyses for their geographic areas or species of interest. The tools and strategies provided at the workshop should ideally provide a framework for follow-up actions by regional and field office staff.
- Provide strategies for identifying the best decisions in uncertain situations.

Desired outcomes:

- Improved knowledge base of climate impacts in Southcentral Alaska, available climate data, and approaches to climate impact modeling is increased;
- Organizational capacities for anticipating ecological responses is increased;
- Increased knowledge base of available climate data and impact modeling informs the variety of conservation actions and decisions the Anchorage Fish and Wildlife Field Office routinely considers.

Climate Adaptation Capacity Building Workshop Draft Agenda

Workshop Goal: To strengthen Anchorage Fish and Wildlife Field Office climate adaptation capacity to integrate climate science into operational management and planning.

DAY 1

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| 8:30 | Welcome and introductory comments (Cindi Jacobson, SA ARD) |
| 9:00 | Review basic climate science and climate projections – limitations (Steve Gray, Alaska Climate Science Center Director) |
| 9:40 | General introduction to the Scenarios Network for Alaska and Arctic Planning (SNAP) (Nancy Fresco, SNAP) |
| 10:00 | Break |
| 10:15 | Review projected climate change and impacts for southcentral Alaska (Nancy Fresco, SNAP) |
| 11:00 | Hands-on look at SNAP and other online climate resources (Nancy Fresco, SNAP) |
| 11:30 | Lunch |
| 1:00 | Climate impact modeling– general conceptual approaches and available tools (Heather Abbey, Dawn Magness, Amanda Robertson) <ul style="list-style-type: none">Literature review and synthesisNo regretsForecasting Using Historical Empirical TrendsThreshold approachesIdentifying the components of species vulnerabilityRanking species in terms of vulnerability to climate changeClimate envelope modelsIncluding climate in population modelsApplying mechanistic models based on current conditions to future conditions |
| 3:00 | Break |
| 3:15 | Kittlitz's murrelet case study (Amanda and AFWFO staff) |
| 4:30 | Discussion |
| 5:00 | Adjourn |

DAY 2

8:00	Recap of Day 1
8:30	Mat-Su Conservation Prioritization Case study (Dawn, David Wigglesworth, and Great Land Trust)
10:30	Break
10:45	Roundtable discussion
12:00	Wrap up and adjourn